

CANCELLED



Sheet 1 of 6

PTO-J49  
REV. 5-79

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

5-973

SERIAL NO.

10/733,595

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

JAMES R. KEENE

FILING DATE

12-11-03

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IRC/	AA	RE36676	5/2000	SOURLIS	52	169.5	
IRC/	AB	6662504	12/2003	KROGSTAD	52	61	
	AC	6584746	7/2003	HOHMANN ETAL	52	513	
	AD	6479031	11/2002	PHILLIPS	52	302.1	
	AE	6256955	7/2001	LOLLEY ETAL	52	302.3	
	AF	6167668	2/2001	FINE ETAL	52	403.1	
	AG	6131353	10/2000	EGAN	52	408	
	AH	6112476	9/2000	SCHULENBURG	52	169.5	
	AI	6023892	2/2000	SOURLIS	52	169.5	
✓	AJ	5937594	8/1999	SOURLIS	52	169.5	
IRC/	AK	5860259	1/1999	LASKA	52	302.3	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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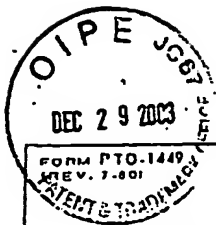
EXAMINER

/Robert Canfield/

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03/24/2007

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Sheet 2 of 6U.S. DEPARTMENT OF COMMERCE  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IRCI	AA	5 8 4 5 4 5 5	12/1998	JOHNSON, III	52	713	
	AB	5 8 2 6 3 9 0	10/1998	SACKS	52	408	
	AC	5 7 6 8 8 4 2	6/1998	AUSTIN	52	302.3	
	AD	5 6 9 2 3 4 8	12/1997	AMBROSINO	52	169.5	
	AE	5 6 3 4 3 1 0	6/1997	HOHMANN	52	513	
	AF	5 5 9 8 6 7 3	2/1997	ATKINS	52	302.1	
	AG	5 4 8 9 4 6 2	2/1996	STEBER	428	174	
	AH	5 3 4 3 6 6 1	9/1994	SOURLIS	52	169.5	
	AI	5 2 7 4 9 6 8	1/1994	PARDO	52	97	
↓	AJ	5 2 3 0 1 9 2	7/1993	WEBB ET AL	52	395	
IRCI	AK	5 2 3 0 1 8 9	7/1993	SOURLIS	52	169.5	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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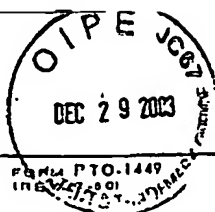
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FORM PTO-1449  
REV. 12-1-90  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

5-973

SERIAL NO.

10/733,595

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APPLICANT

JAMES R. KEENE

FILING DATE

12-11-03

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IRCI	AA	5207043	5/1993	McGEE ETAL	52	379	
	AB	5115614	5/1992	McGRATH	52	169.5	
	AC	5099627	3/1992	COULTON ETAL	52	408	
	AD	4910931	3/1990	PARDUE, JR.	52	169.5	
	AE	4907385	3/1990	BIODROWSKI	52	169.5	
	AF	4875319	10/1989	HOHMANN	52	383	
	AG	4852320	8/1989	BALLANTYNE	52	303	
	AH	4827684	5/1989	ALLAN	52	378	
	AI	4660342	4/1987	SALISBURY	52	358	
	AJ	4606163	8/1986	CATANI	52	434	
↓ IRCI	AK	4422271	12/1983	ANZINGER	52	302	

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03/24/2007

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 DEC 29 2003  
 FORM PTO-1449  
 INVENTOR'S ATTORNEY

Sheet 4 of 6

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>5-973</b>	SERIAL NO. <b>10/733,595</b>
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>JAMES R. KEENE</b>	
		FILING DATE <b>12-11-03</b>	GROUP

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
IRCI	AA	4	3	8	1	6	3	0	5/1983	KOESTER	52	169.5	
	AB	4	3	3	3	2	8	1	6/1982	SCARFONE	52	169.5	
	AC	4	3	1	5	3	9	2	2/1982	SYLVEST	52	309.1	
	AD	4	2	8	2	6	9	1	8/1981	RISDON	52	101	
	AE	4	2	1	2	6	9	2	7/1980	RASEN ETAL	156	167	
	AF	4	1	0	2	0	9	3	7/1978	HARRIS	52	101	
	AG	4	0	1	0	7	4	8	3/1977	DOBRTZ	128	192	
	AH	3	9	9	9	3	4	9	12/1976	MIELE ETAL	52	568	
	AI	3	8	3	7	9	8	8	9/1979	HENNEN ETAL	161	6.7	
	AJ	3	7	8	8	0	1	7	1/1979	BAEHUS	52	122	
IRCI	AK	3	6	9	1	0	0	4	9/1972	WERNER ETAL	161	150	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
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Sheet 5 of 6FORM PTO-1449  
REV. 12-07U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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5-973

SERIAL NO.

10/733,595

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JAMES R. KEENE

FILING DATE

12-11-03

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/RCI/	AA	3 6 8 7 7 5 9	8/1972	WERNER ETAL	156	167	
	AB	3 6 8 6 0 4 9	8/1972	MANNER ETAL	156	167	
	AC	3 6 6 8 8 2 9	6/1972	NELSON	52	169	
	AD	3 5 6 2 9 8 2	2/1971	PAREZO	52	169	
	AE	3 2 9 3 8 1 0	12/1966	COX ETAL	52	303	
	AF	3 2 7 7 6 2 6	10/1966	BRYNJOLFSSON ETAL	52	713	
	AG	2 9 3 4 9 3 1	5/1960	JOHNSON	72	5	
	AH	2 8 9 7 1 0 9	7/1959	VOIGTMAN	154	50	
	AI	2 7 0 5 8 8 7	4/1955	XANTEN	72	128	
✓	AJ	2 6 3 4 6 0 1	4/1953	TILLERY	72	16	
/RCI/	AK	2 3 2 9 5 8 5	9/1943	BREWER	72	127	

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U.S. PTO

Sheet 6 of 6

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>5-973</b>	SERIAL NO. <b>10/733,595</b>
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		FILING DATE <b>12-11-03</b>	GROUP

U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME
IRCI	AA	2	2	9	8	3	1	9	10/1942	VATET
IRCI	AB	2	2	1	3	3	5	5	9/1940	WOODWORTH
IRCI	AC	1	9	5	4	7	3	0	4/1934	ERICKSON
IRCI	AD	1	7	4	6	8	1	6	2/1930	BOES
	AE									
	AF									
	AG									
	AH									
	AI									
	AJ									
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(REV. 7-00)U.S. DEPARTMENT OF COMMERCE  
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APPLICANT

JAMES R. KEENE

FILING DATE

DEC. 11, 2003

GROUP

3637

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IRCI	AA 6684579	2/2004	BRUNSON ET AL			
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

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